Index of Claims

Rejected

Allowed

| Application No. | Applicant(s)  |
|-----------------|---------------|
| 09/821,108      | HIMMEL ET AL. |
| Examiner        | Art Unit      |

|   | Jea                            | n D J | anvier       | -   | 3622     |
|---|--------------------------------|-------|--------------|-----|----------|
|   | (Through numeral)<br>Cancelled | N     | Non-Elected  | A   | Appeal   |
| + | Restricted                     |       | Interference | . 6 | Objected |

| Cli   | aim      | B             |        |          |          | ate    | • |        |          |          | Cla     | im       | Γ      | -        |               | Date         | = |          |               |   | Cla   | aim      |       |          |        |        | ate       | • |                |        |               |
|-------|----------|---------------|--------|----------|----------|--------|---|--------|----------|----------|---------|----------|--------|----------|---------------|--------------|---|----------|---------------|---|-------|----------|-------|----------|--------|--------|-----------|---|----------------|--------|---------------|
|       | _        |               |        | П        |          | Ī      |   |        |          |          |         | 11       |        |          |               |              |   |          |               |   |       | ı        |       |          |        |        |           |   |                |        |               |
| Final | Original | [3)           | 1      | ļ        |          |        |   |        |          |          | Final   | Original |        |          |               | i            |   |          |               |   | Final | Original |       |          | Ì      |        |           |   |                |        |               |
| 造     | Ġ        | $\mathscr{A}$ |        |          |          | - 1    |   |        | - 1      | 1        | ≟       | ğ        | П      |          |               |              |   |          |               | 1 | 눈     | rig      |       |          |        |        | - 1       |   |                |        |               |
|       | 0        | 19901         |        |          |          |        |   |        |          |          |         | 0        | H      |          |               |              |   |          |               |   |       | 0        |       |          |        |        | - 1       |   |                |        |               |
|       | 1        | マ             | П      |          | _        |        |   |        | $\neg$   |          |         | 51       |        |          |               |              |   |          |               | 7 |       | 101      |       |          |        |        |           |   |                | $\neg$ | $\neg$        |
|       | 2        | V,            |        |          | 寸        |        |   |        | _        | _        |         | 52       |        |          |               | 1            |   | ヿ        | _             | 7 |       | 102      |       | Ħ        | T      |        | $\neg$    |   | 寸              |        | _             |
|       | 3        | V             |        | T        | 寸        |        |   |        | $\neg$   | _        |         | 53       |        | $\neg$   |               | 1            |   | T        | _             | 7 |       | 103      |       |          |        |        | 寸         |   |                |        | _             |
|       | 4        | V             |        | T        | 寸        | ヿ      |   |        | _        |          |         | 54       |        |          | $\top$        | 1            |   |          |               | 1 |       | 104      |       |          | Ī      |        | $\exists$ |   |                |        |               |
|       | 5        | V             |        | T        | 1        |        |   |        |          |          |         | 55       | $\Box$ |          | $\neg$        | 1            |   |          | $\neg$        | 7 |       | 105      |       |          |        |        | $\neg$    |   | T              |        | _             |
|       | 6        | v,            | П      | 寸        | $\dashv$ |        |   |        | $\dashv$ | $\dashv$ |         | 56       |        |          |               | $\top$       |   | $\neg$   |               | 1 |       | 106      |       | $\Box$   | $\neg$ |        | $\neg$    |   |                | $\neg$ | -             |
|       | 7        | V             |        | T        | $\neg$   |        |   |        | 1        | _        |         | 57       |        | T        | 十             | 1            |   | T        | $\dashv$      | 1 |       | 107      |       |          |        |        | _         |   | 寸              |        |               |
|       | 8        | V,            |        |          |          |        |   |        |          |          |         | 58       |        |          |               | 1            |   |          |               | 1 |       | 108      |       |          |        |        |           |   |                |        |               |
|       | 9        | V,            |        | ヿ        | ヿ        |        |   |        |          | $\neg$   | -       | 59       |        |          |               | 1            |   | $\Box$   |               | 1 |       | 109      |       | П        | $\neg$ |        | 一         |   | $\overline{}$  |        |               |
|       | 10       | V             |        |          |          | $\neg$ | П |        | $\neg$   | $\neg$   |         | 60       | 1      | $\neg$   |               | 1            |   |          |               | 1 |       | 110      |       | П        | ╗      |        |           |   | 寸              |        | $\neg$        |
|       | 11       | ✓             | П      | 寸        | $\neg$   |        | Н | $\Box$ | $\dashv$ | $\dashv$ |         | 61       | П      |          | $\dashv$      | $\top$       |   |          |               | 7 |       | 111      |       | $\Box$   |        |        |           |   |                |        | _             |
|       | 12       | V.            | П      | 寸        | $\dashv$ |        | П | П      | $\dashv$ | $\dashv$ |         | 62       | П      | $\dashv$ | $\top$        | $\top$       | П | $\dashv$ | $\top$        | ٦ |       | 112      |       | $\sqcap$ | 一      | $\neg$ | $\Box$    |   |                |        |               |
|       | 13       | V.            |        | 1        | $\neg$   |        |   |        |          | $\dashv$ |         | 63       | П      |          | $\top$        | 1            |   | $\dashv$ |               | 7 |       | 113      |       | П        | $\neg$ |        |           |   |                | $\neg$ | _             |
|       | 14       | <del>ار</del> | $\Box$ | $\dashv$ | ヿ        | 一      | П |        | $\dashv$ |          |         | 64       |        |          |               | 1            |   | 寸        | $\neg$        | 7 |       | 114      | Г     | П        | ヿ      | 一      |           |   | ヿ              |        | $\overline{}$ |
|       | 15       | V             | П      |          | $\neg$   | $\neg$ | П |        | $\neg$   | $\neg$   |         | 65       |        |          |               | 1            | П | 一        | $\neg$        | 7 |       | 115      | Г     |          | 一      | 一      |           |   | $\neg$         |        |               |
|       | 16       | IV,           | П      |          |          | T      |   |        | $\neg$   | $\neg$   |         | 66       |        |          |               |              | П | 寸        |               | 7 |       | 116      |       |          | 寸      | 一      | ,         |   | 一              |        |               |
|       | 17       | V,            |        |          |          |        |   |        |          | $\Box$   |         | 67       |        |          |               |              |   |          |               |   |       | 117      |       |          | 一      |        |           |   |                |        |               |
|       | 18       | V             |        | $\neg$   |          |        |   |        | $\neg$   |          |         | 68       |        |          |               | $\top$       |   | 寸        | $\neg \vdash$ |   |       | 118      |       |          | 一      |        |           |   | T              |        |               |
|       | 19       | V,            | П      | 一        | $\neg$   |        |   |        |          | 7        |         | 69       |        |          |               | 1            |   |          |               |   |       | 119      |       |          | 目      |        |           |   |                |        |               |
|       | 20       | M             |        |          |          |        |   |        |          |          |         | 70       |        |          | $\neg$        | 1            |   |          |               |   |       | 120      |       |          | $\neg$ |        |           |   |                |        |               |
|       | 21       | V             | П      |          |          |        |   |        |          |          |         | 71       |        |          | ľ             | 1            |   | T        |               | 1 |       | 121      |       | П        |        |        |           |   |                |        |               |
|       | 22       |               | П      | ヿ        |          |        |   | П      | $\neg$   | 7        |         | 72       |        |          |               |              | П | 寸        | $\dashv$      | 7 |       | 122      | Г     |          |        |        |           |   |                |        |               |
|       | 23       |               | П      | T        | 寸        |        |   |        | 一        | 7        |         | 73       | 1      |          |               | 1            | П | T        | T             | 7 |       | 123      |       | П        | $\neg$ | $\neg$ |           |   | $\neg$         |        |               |
|       | 24       |               |        |          |          |        |   |        | 一        |          | 1       | 74       |        |          | 1             | T            | П |          |               | 7 |       | 124      |       |          |        | $\neg$ |           |   |                |        |               |
|       | 25       |               | П      |          | T        |        |   |        | T        |          |         | 75       |        |          | T             | ┰            | П | $\neg$   |               | 7 |       | 125      |       | П        | $\neg$ |        |           |   | $\neg \dagger$ |        |               |
|       | 26       |               | П      |          |          |        |   |        | $\neg$   |          |         | 76       |        |          | Ť             | 1            | П |          |               | 7 |       | 126      |       | П        |        |        |           |   |                |        |               |
|       | 27       |               | П      | $\neg$   |          |        |   |        | T        |          |         | 77       |        |          |               | $\top$       | П | 1        |               | 7 |       | 127      |       | П        |        |        |           |   | $\exists$      |        | -             |
|       | 28       |               | П      |          |          |        |   |        |          |          |         | 78       |        |          |               | 1            | П |          | T             | 1 |       | 128      |       | П        |        |        |           |   | $\neg$         |        | $\overline{}$ |
|       | 29       | Π             | П      |          |          |        |   |        |          |          |         | 79       |        |          |               | T            | П |          | T             |   |       | 129      |       |          |        |        |           |   |                |        | _             |
|       | 30       |               | П      |          |          |        |   |        |          |          |         | 80       |        |          | $\top$        | $\top$       | П | 1        | $\neg$        | 1 |       | 130      |       | П        |        |        |           |   |                |        | _             |
|       | 31       |               | П      |          | T        |        |   |        |          |          |         | 81       |        |          | T             | $\top$       | П |          |               | 7 |       | 131      |       | П        |        |        |           |   | $\Box$         |        | _             |
|       | 32       |               |        |          |          |        |   |        |          |          |         | 82       |        |          |               |              |   |          |               |   |       | 132      |       |          | _      |        |           |   |                |        |               |
|       | 33       |               |        |          |          |        |   |        |          |          |         | 83       |        |          |               |              |   |          |               |   |       | 133      |       |          |        |        |           |   |                |        |               |
|       | 34       |               |        |          |          |        |   |        |          |          |         | 84       |        |          | ightharpoonup | <u> </u>     |   |          |               |   |       | 134      |       |          |        |        |           |   |                |        |               |
|       | 35       |               |        | $\Box$   |          | ╗      |   |        |          |          |         | 85       |        |          |               | T            | П |          |               |   |       | 135      |       |          |        |        |           |   |                |        |               |
|       | 36       |               |        |          |          |        |   |        |          |          |         | 86       |        |          |               |              |   |          |               | ] |       | 136      |       |          |        |        |           |   |                |        |               |
|       | 37       |               |        |          |          |        |   |        |          |          |         | 87       |        |          |               |              |   |          |               |   |       | 137      |       |          |        |        |           |   |                |        |               |
|       | 38       |               |        |          |          |        |   |        |          |          |         | 88       |        |          |               |              |   |          |               |   |       | 138      |       |          |        |        |           |   |                |        |               |
|       | 39       |               |        | $\Box$   |          |        |   |        | $\Box$   |          |         | 89       |        |          |               |              |   |          |               | ] |       | 139      |       |          | $\Box$ |        |           |   |                |        |               |
|       | 40       |               |        |          |          |        |   |        | $\Box$   |          |         | 90       |        |          |               |              |   |          |               | ] |       | 140      |       |          |        |        |           |   |                |        |               |
|       | 41       |               |        | $\Box$   |          |        |   |        | $\Box$   |          |         | 91       |        |          |               |              |   | $\Box$   |               | ] |       | 141      |       |          |        |        |           |   |                |        |               |
|       | 42       |               |        |          |          | _1     |   |        |          |          |         | 92       |        |          |               | $\perp$      |   |          | $\Box$        | ] |       | 142      |       |          |        |        |           |   |                |        |               |
|       | 43       |               |        |          |          |        |   |        |          |          |         | 93       |        |          |               | $oxed{oxed}$ |   |          |               | ] |       | 143      |       |          |        |        |           |   |                |        |               |
|       | 44       |               |        |          |          |        |   |        |          |          |         | 94       |        |          |               | $\prod$      |   |          |               | ] |       | 144      |       |          |        |        |           |   |                |        |               |
|       | 45       | Г             |        |          |          |        |   |        | $\Box$   |          |         | 95       |        |          |               | $I^{-}$      |   | $\Box$   |               | ] |       | 145      |       |          |        |        |           |   |                |        |               |
|       | 46       |               |        |          |          |        |   |        | $\Box$   |          |         | 96       |        |          |               |              | П |          |               | ] |       | 146      |       |          | $_{-}$ |        |           |   | $\Box$         |        | $\overline{}$ |
|       | 47       |               |        |          |          |        |   |        |          |          |         | 97       |        |          |               |              |   | $\Box$   |               | ] |       | 147      |       |          |        |        |           |   |                |        |               |
|       | 48       |               |        |          |          |        |   |        |          |          | $\cdot$ | 98       |        |          |               |              |   |          |               | ] |       | 148      |       |          |        |        |           |   |                |        | _             |
|       | 49       |               |        | 1        |          |        |   |        |          |          |         | 99       |        |          |               | 1.           |   |          |               |   |       | 149      |       |          |        |        |           |   |                |        |               |
|       | 50       | Γ             |        |          |          |        |   |        |          |          |         | 100      |        |          |               | I            |   |          |               | ] |       | 150      | $L^-$ |          |        |        |           |   |                |        |               |